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NPIC/IEG (6/83)

14 JUNE 1983

402W SSGN
SEVERODVINSK SHIPYARD 402, USSR (SWN)

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1. **SIGNIFICANCE:** THE 402W SSGN MAY BE CAPABLE OF LAUNCHING 24 CRUISE MISSILES. (SWN)
2. **REMARKS:** ANALYSIS OF THE 402W NUCLEAR-POWERED CRUISE MISSILE SUBMARINE (SSGN) AND ITS ASSOCIATION WITH THE BL-10 LONG-RANGE, LAND-ATTACK CRUISE MISSILE SYSTEM STRONGLY SUGGESTS THAT EACH OF THE 12 MISSILE LAUNCH TUBES ON THE 402W IS CONFIGURED TO HOUSE AND LAUNCH TWO MISSILES. THIS WOULD GIVE THE SUBMARINE THE CAPABILITY TO LAUNCH 24 CRUISE MISSILES. (SWN)

ON [] A BL-10 AERODYNAMICALLY INERT MISSILE (AIM) WAS ON THE QUAY (GRAPHIC 1) AND SEVERAL MISSILE TUBE DOORS WERE OPEN ON THE 402W SSGN AT SEVERODVINSK SHIPYARD 402. THESE OPEN MISSILE TUBES, PRIMARILY THE FORWARDMOST TUBES ON THE PORT SIDE AND THE AFTMOST TUBES ON THE STARBOARD SIDE, APPEARED TO HAVE TWO SEPARATE COMPARTMENTS WITHIN EACH MISSILE TUBE (GRAPHIC 2). FURTHER EVIDENCE OF THIS DUAL-LAUNCH CAPABILITY WAS VISIBLE ON [] WHEN THE BL-10 AIM WAS ON THE MISSILE LOADING TRAY, WHICH WAS ON THE 402W SSGN (GRAPHIC 3). THE AIM DID NOT APPEAR TO BE ON THE CENTERLINE OF THE TRAY, BUT RATHER OFF TO THE STARBOARD SIDE, SUGGESTING THAT IT WOULD BE LOADED FROM THAT POSITION. THE AIM HAS A DIAMETER OF []; EACH MISSILE TUBE ON THE 402W SSGN IS APPROXIMATELY 2 METERS IN DIAMETER. THIS PREVIOUSLY UNEXPLAINED DIFFERENCE IN SIZE POINTS TOWARD TWO MISSILES BEING ACCOMMODATED WITHIN EACH TUBE, HENCE THE OFF-CENTER LOADING OF THE AIM. IN ADDITION, THE DIFFERENCE IN THE WIDTH OF THE LOADING TRAY ([]) AND THE DIAMETER OF THE AIM COULD BE EXPLAINED BY HAVING TWO BL-10 MISSILES ON A SIDE-BY-SIDE/PORT-TO-STARBOARD AXIS WITHIN THE 2-METER TUBE. ANOTHER INDICATION OF A DUAL-LAUNCH CAPABILITY WAS THE OBSERVATION OF TWO AIM CRATES AT SEVERODVINSK IN LATE 1982/EARLY 1983, ALTHOUGH ONLY ONE AIM HAS BEEN IDENTIFIED TO DATE. (SWN)

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THIS 402W/BL-10 ASSOCIATION MAY ALSO BE RELATED TO A NEW, GROUND-LAUNCHED CRUISE MISSILE WHICH IS UNDER DEVELOPMENT AT LAUNCH SITE 2C AT KAPUSTIN YAR MISSILE TEST CENTER (BE [] THE MISSILE AT KAPUSTIN YAR USES A TUBE OF []

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SIMILAR SIZE AND IDENTICAL 45-DEGREE ANGLE OF INCLINATION TO THE 402W SSGN LAUNCHERS. THE DUAL-LAUNCH CAPABILITY OF THE 402W SSGN COULD FURTHER INDICATE THAT THE LAND-BASED TESTING OF THIS SYSTEM MAY ALSO USE A MULTICOMPARTMENT TUBE. IN ADDITION, ANALYSIS OF IMAGERY OF KAPUSTIN YAR INDICATES THAT THERE MAY BE TWO LOADING POSITIONS (SIDE-BY-SIDE) AT LAUNCH SITE 2C. (SWN)

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3. _____ COORDINATES 64-34-38N 039-48-32E (S)

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